

; INITIALIZATION (200-207)		; UPDATE LEDs (271-377)		; INST POINTERS (400-407)		; PCNT POINTERS (500-507)		; ADDR POINTERS (600-607)		; DATA POINTERS (700-707)	
200	CAI 0,425451	271	SOJGE 11,276	400	000000000410	500	000000000510	600	000000000610	700	000000000710
201	CAI 0,565371	272	MOVE 11,574	401	000000000434	501	000000000517	601	000000000617	701	000000000730
202	MOVE 0,475	273	ADDI 14,4	402	000000000460	502	000000000526	602	000000000626	702	000000000750
203	JFCL 0,0	274	SKIPN 0,014	403	000000000464	503	000000000527	603	000000000627	703	000000000751
204	JFCL 0,0	275	MOVE 14,400(12)	404	000000000410	504	000000000510	604	000000000610	704	000000000410
205	DATAO PI,673	276	MOVE 1,014	405	000000000410	505	000000000510	605	000000000610	705	000000000510
206	SETZ 13,0	277	TLNE 13,40000	406	000000000410	506	000000000610	606	000000000610	706	000000000610
207	JFCL 0,0	300	ANDCM 1,471	407	000000000410	507	000000000631	607	000000000631	707	000000000710
; GET SWITCHES (210-217)		301 TLNE 13,20000		; INST TABLE (410-467)		; PCNT TABLE (510-567)		; ADDR TABLE (610-667)		; DATA TABLE (710-767)	
210	DATAI APR,3	302	ANDCM 1,472	410	SOJGE 4,0(2)	510	000000200002	610	600003200002	710	200000000002
211	ANDCM 3,670	303	SOJGE 6,310	411	MOVE 4,10	511	000000100004	611	700007100004	711	100000000004
212	IOR 3,671	304	MOVE 6,576	412	SETZ 2,0	512	000000040010	612	740017040010	712	040000000010
213	TDNN 3,672	305	ADDI 16,1	413	JRST 0,03	513	000000020020	613	760037020020	713	020000000020
214	MOVE 3,673	306	SKIPN 0,016	414	SOJGE 2,0(4)	514	000000010040	614	770077010040	714	010000000040
215	JUMPE 3,377	307	MOVE 16,600(12)	415	MOVE 2,10	515	000000004100	615	774177004100	715	004000000100
216	CANN 3,13	310	MOVE 2,016	416	SETZ 4,0	516	000000002200	616	776377002200	716	002000000200
217	JRST 0,271	311	TLNE 13,20	417	JRST 0,03	517	000000001400	617	777777001400	717	001000000400
; SWITCH CHANGED (220-270)		312	SETCA 2,2	420	SOJGE 1,0(10)	520	000000002200	620	776377002200	720	000400001000
220	MOVE 13,3	313	ANDI 2,777777	421	MOVE 1,10	521	000000004100	621	774177004100	721	000200000200
221	MOVE 10,3	314	JUMPLE 2,377	422	SETZ 10,0	522	000000010040	622	770077010040	722	000100004000
222	ANDI 10,77	315	MOVE 3,2	423	JRST 0,03	523	000000020020	623	760037020020	723	000040010000
223	ASH 3,777772	316	TDNN 1,471	424	SOJGE 2,0(4)	524	000000040010	624	740017040010	724	000020020000
224	MOVE 7,3	317	JRST 0,333	425	MOVE 2,10	525	000000010004	625	700007100004	725	000010040000
225	ANDI 7,7	320	SOJGE 5,325	426	SETZ 4,0	526	000000020002	626	600003200002	726	000004100000
226	ASH 3,777775	321	MOVE 5,575	427	JRST 0,03	527	0000000400001	627	400001400001	727	000002200000
227	MOVE 6,3	322	ADDI 15,1	430	SOJGE 4,0(2)	631	000001001000	631	000001001000	730	000001400000
230	ANDI 6,7	323	SKIPN 0,015	431	MOVE 4,10	632	000003001400	632	000003001400	731	000002200000
231	ASH 3,777775	324	MOVE 15,571	432	SETZ 2,0	633	000007001600	633	000007001600	732	000004100000
232	MOVE 5,3	325	MOVE 3,015	433	JRST 0,03	634	000017001700	634	000017001700	733	000010040000
233	ANDI 5,7	326	TLNE 13,40	434	SOJG 10,0(1)	635	000037001740	635	000037001740	734	000020020000
234	ASH 3,777775	327	SETCA 3,3	435	MOVE 10,10	636	000077001760	636	000077001760	735	000040010000
235	MOVE 4,3	330	ANDI 3,777777	436	SETZ 1,0	637	000177001770	637	000177001770	736	000100004000
236	ANDI 4,7	331	JUMPLE 3,377	437	JRST 0,03	640	000377001774	640	000377001774	737	000200002000
237	ASH 3,777775	332	SUBI 3,1	440	SOJG 4,0(2)	641	000177001770	641	000177001770	740	000400001000
240	IMUL 10,674	333	SOJGE 7,353	441	MOVE 4,10	642	000077001760	642	000077001760	741	001000000400
241	TLNE 13,200000	334	MOVE 7,577	442	SETZ 2,0	643	000037001740	643	000037001740	742	002000000200
242	IMUL 10,675	335	MOVE 4,016	443	JRST 0,03	644	000017001700	644	000017001700	743	004000000100
243	SKIPGE 0,13	336	TLNE 13,400	444	SOJG 2,0(4)	645	000007001600	645	000007001600	744	010000000040
244	SETZ 10,0	337	JRST 0,344	445	MOVE 2,10	646	000003001400	646	000003001400	745	020000000020
245	MOVEM 4,574	340	ADDI 17,1	446	SETZ 4,0					746	040000000010
246	MOVEM 5,575	341	SKIPN 0,017	447	JRST 0,03					747	100000000004
247	MOVEM 6,576	342	MOVE 17,700(12)	450	SOJG 1,0(10)					750	200000000002
250	MOVEM 7,577	343	MOVE 4,017	451	MOVE 1,10					751	400000000001
251	MOVEM 10,570	344	TLNE 13,200	452	SETZ 10,0						
252	MOVE 12,3	345	MOVS 4,4	453	JRST 0,03						
253	ANDI 12,7	346	TLNE 13,100	454	SOJG 2,0(4)						
254	MOVE 11,500(12)	347	HRL 4,4	455	MOVE 2,10						
255	TLNE 13,1000	350	TLNE 13,10	456	SETZ 4,0						
256	MOVE 11,600(12)	351	SETCA 4,4	457	JRST 0,03						
257	MOVEM 11,571	352	DATAO PI,4	460	SOJG 4,0(2)						
260	SETZ 11,0	353	MOVE 4,3	461	MOVE 4,10						
261	SETZ 5,0	354	MOVE 10,477	462	SETZ 2,0						
262	SETZ 6,0	355	MOVEM 10,2(3)	463	JRST 0,03						
263	SETZ 7,0	356	IOR 4,476	464	SOJGE 10,0(1)						
264	MOVEI 14,464	357	MOVEM 4,1(3)	465	MOVE 10,10						
265	MOVEI 15,467	360	MOVEM 4,02	466	SETZ 1,0						
266	MOVEI 16,467	361	IOR 1,2	467	JRST 0,03						
267	MOVEI 17,467	362	MOVEM 1,03								
270	JFCL 0,0	363	MOVE 10,570								
		364	JUMPG 13,1(14)	470	000000000000			670	116000000000	770	425451565371
		365	HALT 1(14)	471	000020000000			671	000000000000	771	152120000000
				472	000017000000			672	000000000077	772	662216200000
				475	JSR 0,376			673	000106022210	773	121212120000
				476	CAI 0,0			674	000000017400	774	104311000000
		377	HALT 200	477	JRST 0,210			675	000000000040	775	222021300000
										776	555153450000
										777	505154540000